

1 **In the Claims:**

2  
3 **1-46. (Cancel)**

4  
5 **47. (New)** An electrostatic imaging process comprising:

6 (A) charging a latent electrostatic image on a photo conductive surface;

7 and

8 (B) applying to the photoconductive surface toner particles from at least  
9 first and second liquid toners, thereby forming an image of at least two colors,  
10 wherein the first and second liquid toners comprise differently colored pigments  
11 and wherein each of the first and the second liquid toners comprises:

12 (a) an insulating non-polar carrier liquid;

13 (b) at least one charge director; and

14 (c) toner particles dispersed in the carrier liquid and the at least  
15 one charge director, the particles comprising:

16 (i) a core material comprising a pigmented polymer  
17 suitable for use as a toner material in an electrostatic image  
18 development application, but which is unchargeable by the at least  
19 one charge director or which is chargeable by the at least one charge  
20 director to less than or equal to 103 pmho/cm; and

21 (ii) a coating of at least one ionomer component in an  
22 amount effective to impart enhanced chargeability to the toner  
23 particles to an extent that the particles can be used to develop a latent  
24  
25

1 electrostatic image in the electrostatic image development  
2 application;

3 (iii) wherein the coating of the at least one ionomer added  
4 to toner particles in each of the first and second liquid toners is  
5 sufficient to result in similar chargeability for toner particles within  
6 the first and second liquid toners.

7  
8 **48.** (New) The electrostatic imaging process of Claim 47, wherein the core  
9 material is chargeable by the at least one charge director to less than or equal to 86  
10 pmho/cm.

11  
12 **49.** (New) The electrostatic imaging process of Claim 47, wherein the core  
13 material is chargeable by the at least one charge director to less than or equal to 7  
14 pmho/cm.

15  
16 **50.** (New) The electrostatic imaging process of Claim 47, wherein the particles  
17 are synthetic resin particles.

18  
19 **51.** (New) The electrostatic imaging process of Claim 47 wherein the at least  
20 one ionomer is carboxylic acid based and neutralized with metal salts  
21 forming ionic clusters.

- 1 **52.** (New) The electrostatic imaging process of Claim 47 wherein the at least  
2 one ionomer is methacrylic acid based and neutralized with metal salts  
3 forming ionic clusters.  
4
- 5 **53.** (New) The electrostatic imaging process of Claim 47 wherein the at least  
6 one ionomer is sulfonic acid based and neutralized with metal salts forming  
7 ionic clusters.  
8
- 9 **54.** (New) The electrostatic imaging process of Claim 47 wherein the at least  
10 one ionomer is phosphoric acid based and neutralized with metal salts  
11 forming ionic clusters.  
12
- 13 **55.** (New) The electrostatic imaging process of Claim 47 wherein the at least  
14 one ionomer is ethylene based and neutralized with metal salts forming  
15 ionic clusters.  
16
- 17 **56.** (New) The electrostatic imaging process of Claim 47 wherein the costing  
18 comprises less than 20 percent of the weight of the particles.  
19
- 20 **57.** (New) The electrostatic imaging process of Claim 47 wherein the coating  
21 comprises a thickness greater than or equal to a monolayer of the at least  
22 one ionomer.  
23  
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1 **58.** (New) The electrostatic imaging process of Claim 47 wherein the coating  
2 comprises a thickness of greater than 0.02 micrometers.

3  
4 **59.** (New) An electrostatic imaging system, comprising:

5 (A) a photo conductive surface configured to allow charging to define a  
6 latent electrostatic image thereon; and

7 (B) toner particles from at least first and second liquid toners, applied to  
8 the photoconductive surface to form an image of at least two colors, wherein the  
9 first and second liquid toners comprise differently colored pigments and wherein  
10 each of the first and the second liquid toners comprises:

11 (a) an insulating non-polar carrier liquid;

12 (b) at least one charge director; and

13 (c) toner particles dispersed in the carrier liquid and the at least  
14 one charge director, the particles comprising:

15 (i) a core material comprising a pigmented polymer  
16 suitable for use as a toner material in an electrostatic image  
17 development application, but which is unchargeable by the at least  
18 one charge director or which is chargeable by the at least one charge  
19 director to less than or equal to 103 pmho/cm; and

20 (ii) a coating of at least one ionomer component in an  
21 amount effective to impart enhanced chargeability to the toner  
22 particles to an extent that:  
23  
24  
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1 (a) the particles can be used to develop a latent  
2 electrostatic image in the electrostatic image development  
3 application; and

4 (b) the polarity of the toner particles is reversed;

5 (iii) wherein the coating of the at least one ionomer added  
6 to toner particles in each of the first and second liquid toners is  
7 sufficient to result in similar chargeability for toner particles within  
8 the first and second liquid toners.

9  
10 60. (New) The electrostatic imaging system of Claim 59, wherein the core  
11 material is chargeable by the at least one charge director to less than or equal to 86  
12 pmho/cm.

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14 61. (New) The electrostatic imaging system of Claim 59, wherein the core  
15 material is chargeable by the at least one charge director to less than or equal to 7  
16 pmho/cm.

17  
18 62. (New) The electrostatic imaging system of Claim 59, wherein imparting  
19 enhanced chargeability comprises enhancing the chargeability of the core material  
20 with the coating by an order of magnitude over chargeability of the core material  
21 without the coating.

1 63. (New) Liquid toners for electrostatic imaging, comprising:

2 (A) at least first and second liquid toners of first and second colors,  
3 wherein the first and second liquid toners are configured with pigmented polymers  
4 having differently colored pigments and wherein each of the first and the second  
5 liquid toners comprises:

- 6 (a) an insulating non-polar carrier liquid;  
7 (b) at least one charge director; and  
8 (c) toner particles dispersed in the carrier liquid and the at least  
9 one charge director, the particles comprising:

10 (i) a core material comprising a pigmented polymer  
11 suitable for use as a toner material in an electrostatic image  
12 development application, but which is unchargeable by the at least  
13 one charge director or which is chargeable by the at least one charge  
14 director to less than or equal to 103 pmho/cm; and

15 (ii) a coating of at least one ionomer component in an  
16 amount effective to impart enhanced chargeability to the toner  
17 particles to an extent that the particles can be used to develop a latent  
18 electrostatic image in the electrostatic image development  
19 application;

20 (iii) wherein the coating of the at least one ionomer added  
21 to toner particles in each of the first and second liquid toners is  
22 sufficient to result in similar chargeability for toner particles within  
23 the first and second liquid toners.  
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1  
2 **64.** (New) The liquid toners of Claim 63, wherein the core material is  
3 chargeable by the at least one charge director to less than or equal to 86 pmho/cm.

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5 **65.** (New) The liquid toners of Claim 63, wherein imparting enhanced  
6 chargeability comprises enhancing the chargeability of the core material with the  
7 coating by an order of magnitude over chargeability of the core material without  
8 the coating.

9  
10 **66.** (New) The liquid toners of Claim 63, wherein the coating is used in an  
11 amount effective to reverse a polarity imparted on the toner particle by the charge  
12 director.